

REMARKS

Claims 1-22 are pending. By this Amendment, the specification is amended to correct informalities and claim 1 is amended to incorporate the features of claim 10.

The attached Appendix includes marked-up copies of each rewritten paragraph (37 C.F.R. §1.121(b)(1)(iii)) and claim (37 C.F.R. §1.121(c)(1)(ii)).

**I. The Claims Satisfy the Requirements of 35 U.S.C. §112, First Paragraph**

The Office Action rejects claims 1-22 under 35 U.S.C. §112, first paragraph. Claim 1 has been amended to obviate this rejection. Withdrawal of the rejection is respectfully requested.

**II. The Claims Define Patentable Subject Matter**

The Office Action rejects claim 1 under 35 U.S.C. §102(e) over U.S. Patent No. 6,331,060 to Yamamoto et al. This rejection is respectfully traversed.


Yamamoto does not disclose a polarization separator being formed by a first reflection polarizing member disposed so as to face the color-combining unit and a second absorption polarization member disposed so as to face the projecting unit, as recited in independent claim 1. See e.g., Figure 2. Instead, Yamamoto discloses a polarization separation element 54 formed by laminating a film of a predetermined thickness having optical anisotropy, selectively transmits the p-polarization component, and selectively reflects the s-polarization component orthogonal to this. See e.g., col. 20, lines 39-44.

**II. Conclusion**

In view of the foregoing, Applicant respectfully submits that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact Applicant's undersigned representative at the telephone number listed below.

Respectfully submitted,



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Attachment:  
Appendix

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## APPENDIX

## Changes to Specification.

The following is a marked-up version of the amended paragraphs:

[0014] The polarization-conversion system 14 is a system that outputs only one polarized light from the light including both the P-wave and S-wave corresponding to the polarization of the P-wave or S-wave. For instance, when reflecting one polarized P-wave, the P-wave is changed into the S-wave so as to only output the S-wave, for example.

[0015] The polarization-conversion system 14 includes a condenser lens 16 and a disk-shaped polarization beam ~~slitter~~-splitter (PBS) array 15 disposed between the second lens array 12b and the condenser lens 16.

## Changes to Claims:

The following is a marked-up version of the amended claims:

1. (Amended) A projection display apparatus for use with an object to be projected, comprising:

a light source that projects light onto the object to be projected;

a polarizing unit that polarizes the light emitted from the light source in at least a first direction and a second direction that is different from the first direction;

a color-separation unit that divides the light polarized by the polarizing unit into a plurality of colors;

a plurality of liquid crystal panels that respectively modulate the plurality of colors divided by the color-separation unit;

a color-combining unit that combines the plurality of colors respectively modulated by the plurality of liquid crystal panels so as to generate composite light including the plurality of colors, first rays and second rays;

a polarization separator that separates the first light rays, which are included in the composite light generated by the color-combining unit and polarized in the first direction by the polarizing unit, from the second light rays, which are polarized in the second direction

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by the polarizing unit, by allowing the first light rays to pass therethrough while reflecting the second light rays therefrom; and

a projecting unit that projects the first light rays separated by the polarization separator onto the object to be projected,

the polarization separator being formed by a first reflection polarizing member disposed so as to face the color-combining unit and a second absorption polarization member disposed so as to face the projecting unit.

10. (Amended) The apparatus according to Claim 1, the first reflection polarization member and the second absorption polarization member being formed so as to be integrally laid  
~~The apparatus according to Claim 1, the polarization separator being formed by integrally laying a first reflection polarization member disposed so as to face the color-combining unit on a second absorption polarization member disposed so as to face the projecting unit.~~